

PROSZYNSKA, A.

"Plan of work for the Polish Committee on Standards in 1954." (p.6) Polski Komitet
Normalizacyjny. WIADOMOSCI. Warszawa. Vol. 22, no. 1, Jan. 1954

SO: EAST European Accessions List Vol 4, No 8, Aug. 1954

PROSZYNSKA, A.

Opoliszczynna, area of the 3d Hiking Excursion of the Polish Tourist and Country Lore Association. p. 11. TURYSTA. (Polskie Towarzystwo Turystyczno-Krajoznawcze) Warszawa. No. 5, May 1955.

SOURCE: East European Accessions List, (EEAL), Library of Congress, Vol. 4, no. 12, December 1955

POCZOPKO, Stanislaw; PROSZYNSKA, Krystyna

Benodal curves of the systems $\text{CdSO}_4\text{-CH}_3\text{CH(OH)CH}_3\text{-H}_2\text{O}$ and $\text{Li}_2\text{SO}_4\text{-CH}_3\text{CH(OH)CH}_3\text{-H}_2\text{O}$. Rocz chemii 34 no.3/4:1071-1075 '60. (EEAI 10:3)

1. Katedra Chemii Fizycznej Uniwersytetu M.Kopernika, Torun.
(Water) (Salts) (Systems(Chemistry))
(Cadmium sulfate) (Lithium sulfates) (Isopropyl alcohol)

PROSZYNSKA, M.

Gladocers and Copepods of small water bodies of Tatra Mountains and Podhale region. Some remarks on typology of pools. Polskie arch hydrobiol 11 no.2:157-167 '63

1. Institute of Zoology, Polish Academy of Sciences, Warsaw.

RUSZCZAK, Zdzislaw; PROSZYNSKA-KUCZYNSKA, Wieslawa

Electrophoretic pattern of serum proteins in patients with psoriasis. Przegl. dermat. 52 no.4:381-385 J1-Ag '65.

1. Z oddzialu Skorno-Wenerycznego Szpitala im. dr. E. Sonenberga w Lodzi (Ordynator: dr. med. Z. Ruszczak).

RUSZCZAK, Zdzisław, dr. med.; PROSZYNSKA-KUCZYNSKA, Wiesława.

Bone marrow examination in psoriasis. Przegl. dermat. 52 no.2:
117-121 Mar-Apr '65

1. Z Oddziału Skorno-Wenerologicznego Szpitala im. dr.
E. Sonnenberga w Łodzi (Ordynator: dr. med. Z. Ruszczak).

RUSZCZAK, Zdzislaw; BEDNAROWICZ, Grazyna; PROSZYNSKA-KUCZYNSKA, Wieslawa

Water metabolism disorders after "Rheumopiryn" therapy. Pol.
tyg. lek. 19 no. 44:1700-1701 N 2'64

1. Z Oddzialu Chorob Skorno-Wenerycznych Szpitala imeni dr.
E. Sonnenburga w Lodzi (Ordynator: dr. med. Z. Ruszczak).

PROSZYNSKI, J.

Redescription of *Tarentula edax* Thorell, 1875 (Araneida, Lycosidae).
Bul Ac Pol biol 9 no.3:125-127 '61.

(EEAI 10:9/10)

1. Institute of Zoology, Polish Academy of Sciences. Presented by
T. Jacewski.

(SPIDERS)

PROSZYNSKI, J.

Some new observations concerning the pairing of the spider *Linyphia marginata* C. L. Koch (Araneida, Linyphiidae). *Bul Ac Pol biol* 9 no.3:129-131 '61. (EEAI 10:9/10)

1. Institute of Zoology, Polish Academy of Sciences. Presented by T. Jaczewski.

(SPIDERS)

PROSZYNSKI, Jan

Surgical therapy of mediastinal goiter. Polski tygod. lek. 10 no.1:
14-15 3 Jan 55

1. Z Oddzialu chirurg. Instytutu gruslicy, Warszawa, ul. Plocka
26; ordynator prof. dr. L.Manteuffel
(GOITER,
mediastinal, surg.)

BREYMEYER, A.; LUCZAK, J.; PROT, E.

Ecologic Problems at the 7th Congress of the Polish Zoological
Society. Kosmos biol 12 no.2:216-223 '63.

PROT, Janina; ZIELINSKA, Stefania

On the problem of Marinescu-Sjogren syndrome. Neurol. neurochir.
psychiat. pol. 12 no.4:479-486 '62.

1. Z Kliniki Chorob Nerwowych AM w Warszawie. Kierownik: prof. dr med.
I. Hausmanowa-Petrusewicz.
(CATARACT) (ATAXIA)

I 31090-66 EWP(k)/EWP(h)/T/EWP(l)/EWP(v)/EWP(t)/ETI IJP(c) JH/JD
 ACC NR: AP6022834 SOURCE CODE: PO/0046/65/010/011/0727/0732
 AUTHOR: Proszynska, Krystyna 65
B
 ORG: Department of Radiochemistry, Institute of Nuclear Research, Warsaw (Zaklad Radiochemii, Instytut Badan Jadrowych)
 TITLE: Adsorption of radioisotopes on aluminum alloy PA-2, anodized PA-2, and stainless steel 19 27 66
 SOURCE: Nukleonika, v. 10, no. 11, 1965, 727-732
 TOPIC TAGS: nuclear reactor, radioisotope, adsorption, stainless steel, aluminum alloy, solution acidity/PA-2 aluminum alloy
 ABSTRACT: The dependence of the adsorption of ^{144}Co , ^{51}Cr , ^{65}Zn , ^{60}Co , ^{137}Cs , ^{35}S , ^{95}Zr (^{95}Nb), and ^{106}Ru (^{106}Rh) on the pH of the solution was investigated. Stainless steel (Polish Standard 1H18N9T type), PA-2 type aluminum alloy, and anodized PA-2 were chosen for the study because they are used as construction materials in reactors. The adsorption was measured by using solutions of the isotopes, determining the activity before and after interaction with the metal surface, and tabulating the effect of pH of the unbuffered solutions. Orig. art. has: 3 figures. [NA]
 SUB CODE: 18, 11 / SUBM DATE: 12Apr65 / ORIG REF: 001 / SOV REF: 004
 OTH REF: 014
 Card 1/1 CC 09/5 08/8

RUSZCZAK, Zdzislaw; PROSZYNSKA-KUCZYNSKA, Wieslawa; BEDNAROWICZ, Grazyna

Drug dermatitis after topical application of sulfanilamide
and rivanol. Przegl. dermat. 51 no.2:169-174 Mar-Apr '64.

1. Z Oddzialu Skorno-Wener. Szpitala im. dr F. Sonenberga w
Lodzi (Ordynator dr med. Z. Ruszczak).

PROSZYNSKI, J.

Redescription of *Sitticus godlewski* (Kulczynski, 1895) (Araneida, Salticidae) and remarks on its systematic position. *Bul Ac Pol biol* 10 no.2:65-68 '62.

1. Institute of Zoology, Polish Academy of Sciences, Warsaw.
Presented by T.Jaczeński.

X

ZABOKRZYCKI, Jerzy, mgr inz.; PROSZYNSKI, Jozef, mgr inz.

The electric-power plant in Turow under construction. Pt. 1.
Energetyka Pol 14 no.3:72-75 Mr '60. (EEAI 9:8)
(Poland--Electric-power plants)

ZABOKRZYCKI, Jerzy, mgr. inz.; PROSZYNSKI, Jozef, mgr. inz.

The electric-power plant in Turow under construction. Part 2.
Energetyka Pol 14 no.4:108-112 Ap '60. (EEAI 9:10)
(Poland--Electric-power plants)

PROSZYNSKI, Jerzy

Problems of Indonesia's zoogeography. Kosmos biol 10 no.6:553-568
'61.

(Indonesia—Zoogeography)

PROT, Janina; SOBKOWICZ, Hanna

An infantile form of metachromatic leukodystrophy. Neurol.
neurochir. psychiat. pol. 13 no.3:339-345 '63.

1. Z Kliniki Neurologicznej AM w Warszawie Kierownik: prof.
dr med. I. Hausmanowa-Petrusewicz.
(CHILD) (CEREBRAL SCLEROSIS, DIFFUSE)

PROT, Janina; ZALESKA, Krystyna

On the role of asphyxia in the appearance of neurological disorders in children. *Pediat. pol.* 38 no.6:551-557 Je '63.

1. Z Kliniki Chorob Nerwowych AM w Warszawie Kierownik: prof. dr med. I. Hausmanowa-Petrusewicz i z II Kliniki Położniczo-Ginekologicznej AM w Warszawie Kierownik: prof. dr med. I. Roszkowski.

(ASPHYXIA NEONATORUM) (NEUROSES)

PROT, Janina; ZIELINSKA, Stefania

On the Marinescu-Sjögren syndrome. Neurol neurochir psych 12
no.4:479-486 J1-Ag '62.

1. Klinika Chorob Nerwowych, Akademia Medycana, Warszawa.
Kierownik: prof. dr med. I. Hausmanowa-Petrusewicz.

*

EMERYK, Barbara; PROT, Janina; WIERZBICKA, Irena

Subarachnoid hemorrhage (analysis of 193 cases). Pol. Wz. Lek.
19 no.15:557-559 6 Ap '64.

1. Z Kliniki Chorob Nerwowych Akademii Medycznej w Warszawie (kierownik: prof. dr. med. I. Hausmanowa-Petrusewicz).

PROT, Janina; SAPER, Jerzy; STROINSKA, Barbara

Zarontin therapy of petit mal epilepsy resistant to anticonvulsants. Neurol. neurochir. psychiat. pol. 13 no.4:487-490 '63.

1. Z Kliniki Neurologicznej AM w Warszawie Kierownik: prof. dr med. I. Hausmanowa-Petrusewicz i z Glownej Poradni Zdrowia Psychicznego Kierownik Poradni Dzieciecej: dr med. Z. Szymanska.
(ANTICONVULSANTS) (EPILEPSY, PETIT MAL)

L 12306-63

EWPF(j)/EPF(c)/BDS ASD Pr-4/Pc-4 RM/WW

S/081/63/000/005/063/075

63

AUTHOR: Rabek T. and Prot, T.

TITLE: Polycondensation of 4,4'-dihydroxydiphenylpropane with phenyl-dichlorophosphonate in solvents

PERIODICAL: Referativnyy zhurnal, Khimiya, no. 5, 1963, 577, abstract 5S72
(Polimery, tworzywa wielkocząsteczkowe, 1962, vol. 7, no. 5, 171 - 175)

TEXT: The polycondensation of 4,4'-dihydroxyphenylpropane (I) with $C_6H_5OP(O)Cl_2$ (II) in a solution was investigated. A mixture of measured amounts of I, II solvent and additives (pyridine, catalysts) are boiled in a current of N_2 or CO_2 . The obtained polymer (Yield ~85 %) appears as colorless or pale yellow brittle tar (m.p. ~75° C). The best solvents for the reaction are high boiling aromatic compounds, as for instance di- and trichlorobenzenes (called hereafter III and IV). The highest reaction rate was observed in III with concentration of reagents of 1 mole/liter in equimolar amounts of I and II. In IV the reaction rate is greatest with 2 moles/liter. Maximum yields are in III (~95 %) and IV (~75 %) in concentration of 1 mole/liter. An

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L 12306-63

Polycondensation of.....

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excess of II decreases the reaction rate, not influencing the yield. Data are presented on the influence of various factors on the viscosity of product. CaCl_2 , MgCl_2 , and Mg were studied as catalysts. The best results were obtained with Mg. With 0.5 g/liter of Mg the optimum concentration of reagents in benzene is 0.5 moles/liter and in III it is 0.375 moles/liter. Molecular weight of polymer changed from 2000 to 2500. A. Myshkin.

[Abstracor's note: Complete translation]

Card 2/2

RABEK, Tadeusz J.; PROT, Tomasz

Interfacial polycondensation of 2,2'-bis(4-hydroxyphenyl)propane with phenyl dichlorophosphate. Roczniki chemii 37 no. 7/8:747-756 '63.

1. Department of Plastics Technology, Technical University, Wrocław, and Institute of Plastics, Warsaw.

PROT, Tomasz; SILIN, Lora

Phosphonitrile chloride polymers. Polimery tworzą wielk 9
no. 2: 37-40 F '64.

1. Institute of Plastics, Warsaw.

COUNTRY : Poland H-29
CATEGORY :
ABS. JOUR. : RZKhim., No. 1959, No. 88461
AUTHOR : Prot, T.
INST. :
TITLE : Alkylphenolic ("Hundred Percent") Resins.
Part I.
ORIG. PUB. : Tworzywa guma lakiery, 1959, 4, No 1, 12-17
ABSTRACT : Description of the process of preparation
of alkyl phenols by the action of alkyl chlorides on
phenolates; of alcohols on phenols in the presence of $AlCl_3$
of olefins on phenols in the presence of H_2SO_4 or BF_3 ; of
alcohols on phenols in the presence of $ZnCl_2$ and H_2SO_4 .
Methods of preparation of alkylphenolic resins in acidic
and in alkaline media are also considered. -- L. Sedov

CARD:

265

S/081/62/000/020/040/040
B144/B101

AUTHOR: Prot, Tomasz

TITLE: Organophosphorus polymers, Part I

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 20, 1962, 594, abstract
20R37 (Polimery, tworzywa wielkocząsteczkowe, v. 6, no. 11,
1961, 349-354 [Pol.; summaries in Eng., and Russ.])

TEXT: Review of methods for the production of polymers and copolymers of
unsaturated esters of alkyl phosphorus acids and organophosphorus compounds
with amide and imide groups, polyamides, polyurethanes and epoxy compounds
with P in the chain and of polymers with P in the side chains.

[Abstracter's note: Complete translation.]

Card 1/1

P/021/61/000/004/001/001
D211/D307

AUTHOR: Borowiak, Feliks and Prot, Tomasz, Masters of Engineering

TITHE: New insulating materials of the Samica type

PERIODICAL: Przegląd elektrotechniczny, no. 4, 1961, 161-164

TEXT: The preparation and properties of new micaceous electrical insulators are described. Brief mention is made of the importance of artificial micas for electrical applications. The chief disadvantages of micanites produced in Poland are the variable sheet thickness and the low efficiency and high cost of the processes. A number of materials have been made by hot pressing small flakes or mica dust with a bonding agent to overcome these shortcomings. An important product of this type, Samica, and the preparation of the corresponding samicanites were investigated by the Instytut tworzyw sztucznych (Institute of Synthetic Materials). Analogous work was conducted at Gliwice by the Zakłady tworzyw sztucznych (Department of Synthetic

Card 1/4

New insulating materials...

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D211/D307

Materials). Work on the continuous production of Samica was continued by the Instytut celulozowo papierniczy, (Cellulose and Paper Institute) and the resulting materials were then tested at the Instytut elektro-techniczny (Electrotechnical Institute) at Wrocław. The nature, chemical composition and occurrence of micas are briefly described. Samica ('mica-paper') consists of micaceous foliae made from an aqueous suspension of small flakes of muscovite ('mica pulp') by classical papermaking methods. To produce the pulp, muscovite is heated, partially dehydrated, bloated, comminuted, treated chemically and washed. Variations of this process are mentioned. The pulp is frequently bonded with ~ 1% of shellac to improve the cohesive strength of the sheet which is generally 0.05 - 0.2 mm thick and which may then be further processed into materials analogous to micanites. The advantages of mica paper consist mainly of its uniform thickness, homogeneity and lack of size restrictions, and thus allow more economic production of high quality insulators. Experimental determination of the optimum conditions of samicanite production was investigated under

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D211/D307

New insulating materials...

5 general aspects: ignition and comminution of mica, subsequent chemical treatment, manufacture of mica paper, manufacture of fundamental samicanites and testing of the mechanical and electrical properties of the products. 0.5 kg loads of Indian muscovite were heated in a muffle furnace until the product was homogeneous, well expanded and of a matt silver color. 30-40 min. at 800°C or 50-60 min. at 700°C [Abstractor's note: This is probably 700°C] were found to be most suitable. Both wet (quenching in aq. saturated NaOH, followed by addition of HCl and stirring) and dry (milling) methods of comminution were investigated. The best pulp is made from flakes comminuted by the wet process or milled to obtain a small proportion of flakes > 2 mm or dust. Comminuted flakes were boiled for 30 min. in 5-6% HCl or for 10-15 min. in 20% H₂SO₄ to increase the cohesive strength of mica paper and were then washed with water to remove all electrolyte. Mica papers were made in circular sheets 20 cm. in diameter and 0.015-0.1 mm thick, using a Rapied-Kothen papermaking machine (VEB Werkstoffpruefmaschinen Leipzig), and were then subjected to a number of tests. The

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New insulating materials...

P/021/61/000/004/001/001
D211/D307

results are given in tabulated form. Samicanites were prepared by bonding samica sheets with shellac. Some difficulties were experienced due to the very low wet strength of the paper. Bonded sheets were dried for 24-36 hrs at 40-60°C under a slight pressure to prevent bloating, and were then reinforced by hot pressing between sheets of bronze mesh and acid resistant steel. For commutators, samicanites were subjected to 150°C and ~200 Kg/Cm² for 30 min. while moulding insulators were treated at 100°C under 8 Kg/Cm² for 15 min. Cooling under pressure was employed in both cases. The electrical properties of these materials are also tabulated in the article. Increasing use of samicanites is anticipated and it is suggested that the question of large scale production should be discussed. There are 5 figures and 6 tables. ✓

ASSOCIATION: Instytut tworzyw sztucznych (Institute of Synthetic Materials)

Card 4/4

RABEK, Tadeusz, J.; PROT, Tomasz, dr

Preparation and properties of some new polyesters of phosphoric acid. Polimery tworzyw 9 no.12:513-516 D '64.

1. Department of Technology of Plastics of the Wrocław Technical University (for Rabek). 2. Institute of Plastics, Warsaw (for Prot). Submitted March 14, 1964.

PROT, Tomasz

Interfacial polycondensation. Pt. 2. Polimery tworzą wielk 2
no.3:85-90 Mr '63.

1. Instytut Tworzyw Sztucznych, Warszawa.

PROT, Tomasz

Interfacial polycondensation. Pt. 1. Polimery tworzą wielk
8 no.2:45-47 F '63.

1. Instytut Tworzyw Sztucznych, Warszawa.

PROT, Tomasz

Organo-phosphorous polymers. Pt. 1. Tworzywa wielkocząst 6 no.11:
349-354 N '61.

1. Instytut Tworzyw Sztucznych, Warszawa.

PROT, Tomasz

Organophosphorous polymers. Pt. w. Polimery 6 no.12:381-383 '61.

1. Instytut Tworzyw Sztucznych.

RABEK, T.; PROT, T.

Polycondensation of 2,2 bis (4-hydroxyphenyl) - propane with phenyl
dichlorophosphate in solvents. Polimery tworzy wielk 7 no.5:171-175
My '62

1. Katedra Technologii Tworzyw Sztucznych, Politechnika, Warszawa
(for Rabek).
2. Instytut Tworzyw Sztucznych, Warszawa (for Prot).

PROTALIN, V. (Tbilisi)

Iron key for the solution of mysteries. Izobr.1 rats. no.9:20-22
S '62. (MIRA 16'3)

(Technological innovations)

PROTALIN, V.

A short story. Izobr.i rats. no.5:21 My '62.
(Technological innovations)

(MIRA 15:5)

GUSHCHIN, Vitaliy Ivanovich; PERETRUKHIN, V.I., red.; ~~PROTANSKAYA,~~
I.V., red. ~~izd-va~~; BAGURINA, A.M., tekhn. red.

[Work with explosives in the lumber industry] Vzryvnye
raboty v lesnoi promyshlennosti. Moskva, Goslesbumiz-
dat, 1963. 170 p. (MIRA 17:2)

PROTALINSKAYA, L. M.

USSR/Medicine - Literature
Sanitation

Aug 49

"Sanitation Service in the Days of the Patriotic War: Vol IX, Gunshot Aneurisms,"
Medgiz, 1948, $\frac{1}{2}$ p

"Khirurgiya" No 8

Volume contains 14 works of collaborators in two specialized hospitals of the Ural
Mil Dist on clinical problems and treatment of traumatic aneurisms. Contributors
are: L. M. Ratner, L. M. Protalinskaya, M. I. Glinkin, I. D. Korabel'nikov, and
A. I. Bogatov.

FDD

PA 1/50T67

PROTANSKIY, V. V.

Forest utilization; textbook for forestry engineering schools Moskva, Goslesbunizdat,
1951z 590 p. (55-43160)

1. Lumbering.
2. Forests and forestry.

SD431.F76

PROTANSKIY, S.A., inzh.

Frequency-pulse control system of an asynchronous motor and
its characteristics. Elektrotehnika 35 no.10:11-13 0 '64.
(MIRA 17:11)

PROTANSKIY, S.A., inzh.; KAPTEREVA, O.N., tekhnik

System for increasing the rigidity of the mechanical characteristics of d.c. electric drives. Vest.elektroprom. 33 no.12:
67-70 D '62. (MIRA 15:12)

(Electric driving)

AMALITSKIY, V.M., inzhener; DORIN, S.Ye., inzhener; PROTANSKIY, V.V.
dotsent; SYROMYATNIKOV, S.A.: dotsent, redaktor; TRACHEV, I.M.
redaktor; NIKOLAYEVA, I.I., redaktor; KARASIK, N.P., tekhnicheskii redaktor.

[Manual for the planner of lumbering enterprises] Spravochnik
izyskatelia lesosagotovitel'nykh predpriatii. Moskva, Goslesbum-
izdat, 1955. 595 p. (MLRA 8:11)

1. Russia (1923- U.S.S.R.) Ministerstvo lesoy promyshlennosti.
(Lumbering)

NAUMOV, Vasilii Mikhailovich; PROTANSKIY, V.V., retsenzent; SHELONIN, A.S., retsenzent; KOROVIN, V.N., red.; SVETLAYEVA, A.S., red. izd-va; SHIBKOVA, R.Ye., tekhn. red.

[Forest exploitation] Lesoekspluatatsiia. 2. dop. i perer. izd. Moskva, Goslesbumizdat, 1962. 410 p. (MIRA 15:7)
(Lumbering)

PROTASOV, A.P.

Burning-in the hearth bottom of open-hearth furnaces at the
Makeyevka Metallurgical Plant. Met. i gornorud. prom. no.4:
73-74 JI-Ag. '65. (MIRA 18:10)

PROTAS, Fedor Makarovich; SHEVCHENKO, D.D., otv. red.; AGUF, M.A., red.;
MATVIICHUK, O.A., tekhn. red.

[Organization and payment of wages on collective farms] Organi-
zatsiia i oplata pratsi v kolhospakh. Kyiv, 1961. 42 p. (To
varystvo dlia poshyrennia politychnykh i naukovykh znan' Ukraini'koi
RSR. Ser.3, no.8) (MIRA 14:9)
(Ukraine--Collective farms--Income distribution)

PROTAS, I. I.

Observation on the clinical course of seasonal viral meningoencephalitis in White Russia [with summary in French]. Zhur.nevr. i psikh. 58 no.6
665-668 '58 (MIRA 11:7)

1. Klinika nervnykh bolezney (zav. - prof. M.A. Khazanov) Minskogo meditsinskogo instituta i Nauchno-issledovatel'skiy institut epidemiologii, mikrobiologii i gigiyeny (dir. V.I. Votyakov).
(ENCEPHALITIS, EPIDEMIC, epidemiology.
viral seasonal meningoencephalitis in Russia (Rus))

PROTAS, I.I., MELAMED, R.I.

Diagnosis of acute poliomyelitis in adults. Zdrav.Bel. 8 no.5:20-23
My '62. (MIRA 15:10)

1. Belorusskiy nauchno-issledovatel'skiy institut nevrologii,
neyrokhirurgii i fizioterapii (nauchnyy rukovoditel' - akademik
AN BSSR D.A.Markov, direktor Ye.F.Kalitovskiy).
(POLIOMYELITIS--DIAGNOSIS)

PROTAS, I.I.

Clinical characteristics of tick-borne encephalitis in
White Russia. Zdrav. Bel. 9 no.1:48-51 J'63. (MIRA 16:8)

1. Iz Minskoy oblastnoy klinicheskoy bol'nitsy (glavnyy
vrach M.I.Kotovich) i Belorusskogo instituta epidemiologii,
mikrobiologii i gigiyeny. (direktor V.I. Votyakov)
(WHITE RUSSIA—ENCEPHALITIS)

VOTYAKOV, V.I.; PROTAS, I.I.

Course of the experimental infection in sheep infected with tick-borne encephalitis strains recovered in different geographical zones of the U.S.S.R. Vop. virus. 10 no.4:454-462 J1-Ag '65.
(MIRA 18:8)

1. Belorusskiy nauchno-issledovatel'skiy institut epidemiologii, mikrobiologii i gigiyeny (direktor - V.I. Votyakov), Minsk.

PROTAS, I.I.

Problem of paralytic forms of tick-borne encephalitis in White
Russia. Zdrav. Belor. 5 no.10:44-48 0 '59. (MIRA 13:2)

1. Iz nevrologicheskogo otdeleniya (nauchnyy rukovoditel' - D.A.
Markov) Minskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach
G.A. TSgoyev).

(WHITE RUSSIA--ENCEPHALITIS)

KENTS, V.V.; PROTAS, I.I.; KUPRIYANENKO, R.A. (Minsk)

Differential diagnosis of pathological processes in the area
of the cauda equina. Vop.neirokhir. 25 no.3:15-20 My-Je '61.

(MIRA 14:5)

1. Belorusskiy nauchno-issledovatel'skiy institut nevrologii,
neyrokhirurgii i fizioterapii i Minskaya oblastnaya klinicheskaya
bol'nitsa.

(SPINAL CORD—DISEASES)

PROTAS, I.I.; VOTYAKOV, V.I.

Clinical forms of tick-borne encephalitis in White Russia.
Zhur. nevr. i. psikh. 65 no.3:361-366 '65. (MIRA 18:4)

1. Belorusskiy nauchno-issledovatel'skiy institut epidemiologii,
mikrobiologii i gigiyeny (direktor V.I. Votyakov), Minsk.

LIST AND ORDER																										PROCESSES AND PROPERTIES INDEX																									
✓ Displacement of the isoelectric point of gelatin. K. S. Lyalikov, I. R. Protna and G. P. Faerman. <i>Compt. rend. acad. sci. U. R. S. S. I.</i> 1, 615-19 (in German 619 22) (1955). Electrolytes displace the pH of the isoelec. point of gelatin toward the acid and cations toward the alk. side. The amt. of displacement depends upon the charge and hydration of the ions. The change in height of the turbidity maxima in the presence of electrolytes indicates that gelatin still adsorbs ions at the isoelec. point. Because of this effect it is considered inadmissible to measure the isoelec. point in any significant concn. of electrolytes i. e., buffers. C. B. P. Jeffreys																										✓																									
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																										87041 834179 871111 841 044 151																									
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1ST AND 2ND ORDERS													3RD AND 4TH ORDERS												
PROCESSES AND PROPERTIES INDEX																									
Stability of sols of silver iodide. I. F. Protas and Yu. N. Gerasimovskii. <i>J. Phys. Chem.</i> (U. S. S. R.) 7, 354-62 (1938).—The relative av. diam. of AgI sol particles over the range from 5×10^{-8} to 5×10^{-6} M were detd. by the light-dispersion method with an accuracy of $\pm 10\%$, and these data used to det. the stability of AgI sols in presence of excess Ag or I ions. The isoelec. point lies between 6×10^{-6} and 3×10^{-6} M excess Ag⁺ for various total Ag⁺ and I⁻ concns. and the max. stabilities were detd. over the range 3×10^{-8} to 3×10^{-4} Ag and 2×10^{-8} to 1×10^{-4} I⁻. The effects of Ba(NO₃)₂, Al(NO₃)₃ and Th(NO₃)₄ are about the same as those of excess AgNO₃ or KI, and the authors conclude that in the main the stability changes can be explained chiefly by adsorption phenomena. From the strong effect of Th⁴⁺ AgI became a positively charged sol, there being minima of sol stability at $\text{pH} = 4.5$ and 1.5. Measurements of the ζ potential of the sols in the presence of salts show that in the region of ready coagulation the ζ potential is nearly zero. F. H. Rathmann.													2												
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130 Adorption of electrolytes on silver iodide. I. R. Pagan (J. Phys. Chem. Res., 1937, 10, 844— 847).—The adorption of I⁻ from KI solution by AgI powder increases when KNO₃, Hg(NO₃)₂, Al(NO₃)₃, or Th(NO₃)₄ is added to the solution. J. J. B.																																																			
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PROCESSES AND PROPERTIES INDEX

Stability of silver iodide sols in presence of gelatin. I. R. PROTAS (J. Phys. Chem. Russ., 1939, 13, 446-450).—The stability has been studied by turbidity measurements. It is increased by gelatin if the p_z is such that the charge of the gelatin has the same sign as that of the sol, and vice versa. The effect of KNO_3 , $Ba(NO_3)_2$, and $Th(NO_3)_4$ on positive sols seems to consist in consolidation of the diffuse part of the double layer by the NO_3^- ions and withdrawal from it of anions under the influence of cations, an effect which increases with the valency of the cations.

R. C.

Lab. Sci. Photography, Ferrisried State Optical Inst.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

CA

1ST AND 2ND ORDERS

PRELIMINARY AND PROPERTIES INDEX

1ST AND 2ND ORDERS

5

Effect of supersonic vibrations on photographic emulsions. I. R. Protay. *Kinofotokhim. Prom* 1960, No. 1, 38-41. — After reviewing the work of Claus (cf. C. A. 28, 26307) and others, P. questions the results reported and shows from new expts. of his own that the effect of supersonic vibrations is due to the heat effect on the Ag halide and not to a dispersing action. A. I. Schen.

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PROCESSING AND PREPARATION																										TESTING AND EVALUATION																									
<i>Ca</i> 5 A new method of preparing photographic emulsions. I. R. Protas. <i>Kinofotokhimi</i>, <i>Pr</i>ov. 1940, No. 5, 43-7; <i>U.S.S.R. A: 34, 5003</i>.—It has been found that supersonic waves have no specific dispersion action on the formation of Ag halide grains in an emulsion. As far as the photo- graphic properties of emulsions are concerned, they depend mainly on the conditions of formation of the halide ppt. and not on the method of dispersion. Pptg. Ag halide and then peptizing it with NH₃ in gelatin permits a great shortening of the process of emulsion making; this gives similar results to those obtained with ordinary emulsions. The con. value of the results obtained can only be realized after a method is found to reduce the fog. W. R. Eichler and A. P. H. Trivelli																																																			
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1. R. Protas and P. M. Chulkov (State Optical Inst. Lenina (Moscow)). <i>J. Applied Chem. (U.S.S.R.)</i> 17, 633-41(1944)(English summary).—The influence of components of photographic emulsions on sensitivity and resolving power was studied. It was shown that increase of AgI increases the resolving power until 10 mol. % AgI is reached, after which a decline was observed. Increase of super-equiv. concn. of KBr also raises the resolving power, with a max. at 100 mol. %. Changes of concn. of gelatin at the time of emulsification is essentially without effect on resolving power. Concn. of AgNO₃ and K halides during precipitation of Ag halide is the fundamental factor in the resolving power of the emulsion. Sensitization by basic cyanine dyes also leads to a significant increase of resolving power of the emulsion. G. M. Kozlovskii	
Influence of drying temperature on the granulation of negatives. Bernard Maury. <i>Photo-Riv. Ed.</i> 42(1946).—Negatives processed in summer were more granular than those processed in winter. M. attributes this to variations in drying temp. Test films were developed in a fine-grain pyro-metal developer, fixed, washed, and cut in 2 parts. The 1st piece was dried at 30° in 45 min., the 2nd at 2° in 55 min. The 1st was noticeably more granular than the 2nd. Cf. Pinot, <i>C.A.</i> 40, 2847. T. H. James	
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120-11-780-114-40-0-11	

CA

5

The resolving power of photographic layers and the dimensions of the emulsion crystals. I. R. Protas, Yu. A. Krakau, and P. Kh. Pruss. *Zhur. Priklad. Khim.* (J. Applied Chem.) 21, 824 (1948); cf. following abstr. Particle size distribution, photographic sensitivity S , contrast coeff. C , $\log A$, and resolving power R , were detd. for 4 series of emulsions, the 1st 2 prepd. with the other 2 without, NH_4 . The compns. of the layers immediately after emulsification were in series I, gelatin 5%, AgBr 0.075 mol./l., KBr and NH_4 , 0.0075 and 0.015, 0.075 and 0.15, 0.75 and 1.50 mol./l.; II, gelatin 5%, AgBr 0.75, KBr and NH_4 as in I; III, gelatin 1.6%, AgBr 0.3, KBr 0.015, 0.075, 0.375 mol./l.; IV, gelatin 1.6%, AgBr 3.0, KBr as in III. After ripening, and before pouring, emulsions I and II contained 12% gelatin, AgBr 0.15 mol./l., III and IV, 6.25% gelatin, AgBr 0.33 mol./l. Microscopic dispersion analysis showed that, at const. AgBr concn., the increase of its soly. at the moment of emulsification, brought about by increased concn. of NH_4 , or KBr or both, results in increased crystal size, and, at the same time, increased S and decreased C . However, the accepted and expected concomitant decrease of R was observed only in series I and III, i.e. when AgBr was pptd. from dil. solus., not in II or IV, where R varies very little despite the great variation of the mean grain cross-section, 0.07-0.7 μ^2 in II and 0.20-1.21 μ^2 in IV. Grain

size distribution curves of emulsions prepd. with close concns. of NH_4 and KBr are similar. In I and II, S increases with the grain size, the 2 series showing differences only in the case of coarse emulsions; among these, emulsions in which AgBr was pptd. from a larger vol. have the greater S . In III and IV S increases only very slightly with the grain size, and the curves of S as a function of the grain size are almost identical for the 2 series. C falls with increasing grain size, faster in I and II than in III and IV. At equal compn. of the medium, C is the lower, the smaller the vol. from which AgBr was pptd. Under otherwise identical conditions, R is substantially higher in I and III than in II and IV, and the difference is the more marked the finer the grain of AgBr. The grain size is mainly detd. by the concn. of NH_4 and KBr in the emulsion, but is in no way significantly affected by the vol. from which AgBr is pptd., i.e. by the very factor which has a detg. influence on R . This refutes the generally accepted direct relation between small grain size and high R . It is possible to prep. emulsions of identical grain size and widely different R , or emulsions of different grain size and identical R .

N. Thon

Emulsion State Optical Inst

PROTAS, I.R. ,

27167 PROTAS, I.R. , PRUSS, P. PH. , KRAKAU, YE. A. - O tolshchine i forme kristallov galoidnogo serebra v fotograficheskikh emul'si yakh. Zhurnal prikl. Khimii, 1949, No. 8, s. 823-30. - Bibliogr: s. 830.

SO: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949

FA

*Preparation of Light-Sensitive
Materials and Emulsions*

726

77.021.11

Form and Size of Silver Halide Crystals in Photographic Emulsions. J. R. PROTAS, P. K. PRUSY and Y. A. KRAKAN. *Zh. prikl. Khimii*, 1949, 22, 823-830; *S. et I.P.*, 1951, 22, 5-6.—Six ammonia and six neutral emulsions were prepared varying the composition and the concentration of the components, the conditions of precipitation and the ripening conditions. These emulsions were then examined for distribution of the grains according to their surface area, degree of dispersion, average surface area and thickness. The results show that in ammoniacal emulsions the size of the crystals increase considerably compared with the area, independently of the conditions of preparation. The diameter of the crystals decrease from the centre towards the edge forming a roughly spherical shape. Under neutral conditions, the conditions of emulsification have little influence on the size of the crystal, the growth being in parallel planes.
A.J.L.

1751

CA

The thickness of the emulsion crystals and the resolving power of photographic emulsions. I. R. Protas, P. Kh. Pruss, and Yu. A. Kravau. *Zhur. Priklad. Khim.* (J. Applied Chem.) 22, 978-82 (1949); cf. preceding abstr. Possible existence of a relation between these properties was tested, with a neg. result, on 2 series of emulsions, characterized by different resolving powers R , but approx. the same degree of dispersity of the AgBr crystals. This was attained by varying the concns. of AgNO₃ and KBr at the pptn. stage, but restoring a const. compn. of the final emulsion. Emulsions with NH₃, 1.5 M, of the compn. (after emulsification), (I) AgBr 0.07 M, KBr 0.75 M, gelatin 0.5%, (II) 0.75, 0.75, 0.5, (III) 0.075, 0.75, 3.5, (IV) 0.75, 0.75, 3.5, all four adjusted to (compn. before pouring) AgBr 0.15 M, gelatin 12.0%, and emulsions without NH₃, of the compn. (V) 0.075, 0.75, 3.5, (VI) 0.75, 0.75, 3.5, (VII) 0.30, 0.39, 1.6, (VIII) 1.50, 0.38, 1.6, adjusted to (V and VI) AgBr 0.15 M, gelatin 12.0%. (VI and VII) 0.33, 12.0, showed the following mean cross-sections of the AgBr grains (in sq. μ), mean thicknesses of the grains (in μ), and R (in mm.⁻¹): (I) 1.00, 0.85, 60, (II) 0.97, 0.75, 48, (III) 0.10, 0.73, 79, (IV) 1.04, 0.77, 55, (V) 0.80, 0.27, 50, (VI) 0.76, 0.31, 28, (VII) 1.07, 0.40, 70, (VIII) 1.02, 0.40, 56. As expected, I and III have a higher R than II and IV, although the mean cross sections and thicknesses are of the same order. In the NH₃-free series, too, variations of R are accompanied by no corresponding variations of the grain dimensions. As between the 2 types of emulsions, the

large difference of grain thickness between the NH₃ emulsions I-IV and the NH₃-free emulsions V-VIII is accompanied by no corresponding difference in R . Consequently, there is no direct relation between R and the grain thickness.

N. Thon

PROTAS, I. R.

Photographic Chemistry

Relation between the resolving power and microstructure of photographic emulsions.
Usp.nauch.fot., No. 1, 1951.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Unclassified.

L 15647-63

ENP(k)/ENP(q)/ENT(m)/BDS AFFTC/ASD PF-J JD/HM

ACCESSION NR: AP3000840

S/0286/63/000/002/0026/0027

63

AUTHOR: Litvinshuk, M. D.; Vlasenko, P. I.; Nazarenko, O. K.; Timchenko, V. A.;
Prosvirov, A. N.

TITLE: Installation for electron-beam welding of tubes with tube panels.
Class H 05b; 21h, 30 sub 10, No. 152714

14

SOURCE: Byul. izobreteniy i tovarnykh znakov, no. 2, 1963, 26-27

TOPIC TAGS: electron-beam welding, automatic program control, welding

ABSTRACT: Installation for electron-beam welding of pipe with pipe panels, containing an electron-beam welding gun with magnetic deflection system, a rotating table for fastening and rotating the work piece during the welding process, and an automatic control system for sequential operation of individual mechanisms; its distinguishing feature is that in order to automate the welding process, the table is provided with two lead screws with a drive system for moving the article in two mutually-perpendicular directions when it comes time

Card 1/3 ✓

L 15647-63

ACCESSION NR: AP3000840

to weld the next tube, and the control system contains a program unit with relay elements for automatic control in accordance with a program recorded on a punched tape or some other program carrier. Orig. art. has: 1 figure (see Enclosure 1) /Abetractor's note: complete translation.7

ASSOCIATION: none

SUBMITTED: 11 Sept 61

DATE ACQ: 28 May 63

ENCL: 01

SUB CODE: MD, ML

NO REF SOV: 000

OTHER: 000

Card 2/8

PROSVIROV, B. V.

"History and Present State of Soil Science,"
Pedology, No. 6, 1947.

R

POGODIN-ALEKSEYEV, G.I., doktor tekhn.nauk; ROMADIN, Yu.P.; PROSVIROV, E.N.

Obtaining cast alloys of nonmelting components under the action of
Ultrasonic oscillations. Biul.tekh.-ekon.inform.Gos.nauch.-
issl.inst.nauch.i tekhn.inform. 16 no.4:15-18 '63. (MIRA 16:8)
(Powder metallurgy) (Ultrasonic waves--Industrial applications)

SOV/137-59-1-1259

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 171 (USSR)

AUTHORS: Yushkov, A. V., Prosvirov, N. T.

TITLE: Mechanical Properties of Certain Die Steels After Heat Treatment
(Mekhanicheskiye svoystva nekotorykh shtampovykh staley posle termicheskoy obrabotki)

PERIODICAL: Sb. nauchn. tr. Fiz.-tekhn. in-t AN BSSR, 1958, Nr 4, pp 95-104

ABSTRACT: Mechanical properties (σ_b , δ , ψ , and a_k) of 5KhNT, 5KhNV, and 7KhZ steels were determined at a temperature of 20°C and at the temperature of tempering. The history of the specimens included oil quenching from a temperature of 850°C and tempering at temperatures of 350-700°. Tension tests were carried out at an elongation rate of 20 mm/min. Hot brittleness was discovered in steel 5KhNT at a temperature of 500°. The resistance of 5KhNT, 5KhNV, and U10 steels to hot cracking (heat resistance) was evaluated under conditions approximating those prevailing during hot die-stamping operations. Most intense formation of hot cracks was observed at a temperature of 300°; in the case of 5KhNT and 5KhNV steel no hot cracks were discovered at 550° and 650°, respectively. Compared

Card 1/2

SOV/137-59-1-1259

Mechanical Properties of Certain Die Steels After Heat Treatment

with 5KhNV and U10 steels, 5KhNT steel exhibits better heat-resistant properties.
Bibliography: 6 references.

V. N.

Card 2/2

PROSVIROV N.T.

AUTHOR: Panovko, V. M., Engineer

TITLE: All-Union Conference on the hardfacing of dies for hot and cold press-forming

PERIODICAL: Svarochnoye proizvodstvo, no. 3, 1963, 44 - 45

TEXT: The First All-Union Scientific-Technical Conference on hardfacing of dies was held at Volgograd from November 27 - 29, 1962. The Conference heard the following reports: N. T. Prosvirov (VNIPTMASH) on "Operational conditions and the type of forging dies"; L. A. Pozdnyakova (ENIKMASH) on "Problems of the durability of dies and press-forming steels"; V. A. Popov, ENIKMASH, on some structural peculiarities of carbide tools for cold extrusion and upsetting; I. I. Frumin, B. V. Danil'chenko (Institute of Electric Welding imeni Ye. O. Paton) on "Electric-slag hardfacing of some dies"; L. Kolomiets (IES imeni Ye. O. Paton) on "Reconditioning of dies by electric-slag hardfacing"; V. A. Timchenko (IES imeni Ye. O. Paton) on "A machine with program control for automatic hardfacing of forging dies"; Reports on manual arc-hardfacing of dies were delivered by H. V. Popov (Volgograd Tractor Plant), V. M. Panovko and Ye. G. Bloshkin (Moscow Experimental Welding Plant); O. D. Superko (Chelyabinsk Tractor Plant), N. I. Nikolko (Ural Heavy Machinebuilding Plant), P. M. Sapov ("Rostsel-mash"), N. I. Kuzovkova (GAZ), Yu. P. Zaytsev (ENIKMASH), V. I. Il'in (ZIL), Gopovin (Khar'kov "Svet shakhtera" Plant), and others. In a decision the Conference mentioned deficiencies connected with the subject, i.e. lack of unified electrodes; of centralized production; of unified technological instructions on the hardfacing of dies; of methods for evaluating the quality of hardfaced metal, and lack of high-quality electrodes for hardfacing cast-iron dies. The Conference decided to take steps in order to eliminate the aforementioned deficiencies.

PROSEKOV M. T.

PHASE I BOOK EXPLOITATION

SOV/4018

Akademiya nauk Belorusskoy SSR. Fiziko-tekhnicheskiy institut

Sbornik nauchnykh trudov, vyp. 5 (Collected Scientific Papers of the Institute of Engineering Physics, Academy of Sciences Belorusskaya SSR, No. 5) Minsk, Izd-vo AN BSSR, 1959. 235 p. Errata slip inserted. 1,100 copies printed.

Ed. of Publishing House: L. Mariks; Tech. Ed.: I. Volokhanovich; Editorial Board: V.P. Severdenko, Academician, Academy of Sciences BSSR (Chief Ed.), K.V. Gorev, Academician, Academy of Sciences BSSR, M.N. Bodyako, Candidate of Technical Sciences, and P.A. Parkhutik, Candidate of Technical Sciences.

PURPOSE: This book is intended for technical personnel and scientific workers.

COVERAGE: This collection of 23 articles covers the following subjects: small draft rolling analysis of wire-drawing, design of drop-forging dies, impact upsetting, examination of the effect of temperature on plastic deformation, sulphidation and carburizing processes, the phenomena of pulse-discharge, etc. No personalities
Card 1/5

Collected Scientific Papers (Cont.)

SOV/4018

are mentioned. References follow most articles.

TABLE OF CONTENTS:

Severdenko, V.P., and S.A. Pasechnyy. Rolling Low-Carbon Sheet Steel With Small Drafts	3
Severdenko, V.P., and V.Z. Zhilkin. Production of Titanium Wire	39
Severdenko, V.P., and V Z. Zhilkin. Determination of Unit Pressure in Drawing [Wire]	59
Severdenko, V.P., N.T. Prosvirov, and N.P. Kovylyayev. Small-Flash Drop Forging and Design Elements of Small-Flash Dies for Forging Bodies of Revolution	66
Severdenko, V.P., N.T. Prosvirov, and A.V. Yushkov. Effect of the Flash-Gutter Shape on the Life of Dies	70
Severdenko, V.P., N.T. Prosvirov, and M.Ye. Gavrilov. On the Size of Flash in Drop-Forging Dies	77

Card 2/5

S/123/61/000/006/008/020
AG04/A104

AUTHORS: Severdenko, V. P., and Prosvirov, N. T.

TITLE: On the size of flash in open drop-forge dies

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 6, 1961, 4, abstract
6V18 ("Sb. nauchn. tr. Fiz.-tekhn. in-t AN BSSR", 1959, no. 5,
77-83)

TEXT: The calculation method being used to determine the size of flash leads to considerable metal losses, while the utilized standard shape of the flash groove is constructionally inadequate. The flash size should be determined by the deviation from the standard blank dimension, expressed by the tolerances and by the magnitude of the technologically necessary volume which resists the metal flow in the joint plane and ensures a precise filling of the die cut. To prevent the shape of the die from not being filled negative deviations should be added to the blank volume. It is pointed out that the use of a wedge-shaped flash groove produces more favorable conditions during the filling of the die. The introduction of dies with V-shaped grooves at the Minskiy traktorny zavod (Minsk Tractor

Card 1/2

On the size of flash in open drop-forge dies

S/123/61/000/006/008/020
AC04/A104

Plant) reduced the non-productive metal losses in flashes by 400 tons/year.
There are 4 figures.

Ya. Golombik.

[Abstractor's note: Complete translation]

Card 2/2

PROSVIROV, N. T., YUSHKOV, A. V.

"Mechanical Properties of Certain Die Steels after Heat Treatment"

Свойства нагретых сталей, вып. IV, Минск, Изд-во АН БССР, 1977, 111 с.

YUSHKOV, A.V.; PROSVIROV, N.T.

Mechanical properties of some tool steels subjected to heat
treatment. Sbor.nauch.trud. Fiz.-tekh.inst. AN BSSR no.4:
95-104 '58. (MIRA 11:11)
(Tool steel--Heat treatment)

L 11157-66 EWT(m)/EWA(d)/EWP(t)/EWP(z)/EWP(h) JD

ACC NR: AP6000356

SOURCE CODE: UR/0286/65/000/021/0049/0049

AUTHORS: Prosuirov, N. T.; Gedberg, M. G.; Aderikhin, A. S.; Salimon, V. S.;
Ar'kov, V. G.; Mel'nikov, M. P.; Kozak, N. N.

ORG: none

TITLE: Modified high speed steel. Class 40, No. 176071 [announced by Volgograd
Scientific Research Institute of Machine Construction Technology (Volgogradskiy
nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 21, 1965, 49

TOPIC TAGS: steel, carbon, chromium, tungsten, vanadium, titanium, nitrogen,
manganese, carbon steel, alloy steel

ABSTRACT: This Author Certificate presents a modified high speed steel containing
carbon, chromium, tungsten, vanadium, and nitrogen. To increase its cutting ability,
the steel has the following composition (in %): carbon 0.35--1.0; chromium 4.0--
5.0; tungsten 9.0--10.5; vanadium 2.2--2.4; titanium 0.25--0.30; nitrogen 0.09--0.13;
manganese 1.2--2.0.

SUB CODE: 11/ SUBM DATE: 04Feb63

Card 1/1

UDC: 669.14.018.252--3

BORODATOV, V.A., kand.biolog.nauk; DEMIDOV, V.F.; DUKHANIN, A.N.; ZHUKOVA, A.I.; KADIL'NIKOV, Yu.V.; KARPECHENKO, Yu.L.; KORZHOVA, Yu.A.; MAKHOVER, Z.I.; PETROV, G.P.; PROSVIROV, Ye.S.; RILEV, N.N.; SOKOLOV, O.A.; SPICHAK, M.K.; KHROMOV, N.S.; SHUIN, V.I., red.; FORMALINA, Ye.A., tekhn.red.

[Study of tuna fish and sardines in the eastern part of the Atlantic Ocean; report on the cruise of the scientific fishery survey expedition of 1957] Issledovaniia tuntsa i sardiny v vostochnoi chasti Atlanticheskogo okeana; reisovyi otchet nauchno-poiskovoi ekspeditsii, 1957 g. Moskva, 1959. 158 p. (MIRA 13:6)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii.

(Atlantic Ocean--Tuna fish) (Atlantic Ocean--Sardines)

(Fish, Canned)

PROSVIROV, Ye.S.; RYABIKOV, O.G.

Some problems of the biology and fishing of *Sardinella aurita* in
the Takoradi and Dakar regions. Trudy BaltNIRO no.7:3-16 '61.
(MIRA 15:2)

(Takoradi region--Sardine fisheries)

(Dakar region--Sardine fisheries)

PROSVIROV, Ye.S.; SKORNYAKOV, V.I.; BATAL'YANTS, E.Ya. Prinimali
uchastiye: VOLYA, G.S.; PRNTYUKHOV, V.I.; SHMONINA, M.V.
PASHCHINSKAYA, G., red.izd-va; NIKOLAYEVA, T., tekhn.red.

[Commercial and some noncommercial fishes of the western
coast of Africa (from the Levrier Bay to the Gulf of Guinea);
textbook for fishery workers] Promyslovye i nekotorye nepro-
myslovye ryby zapadnogo poberezh'ia Afriki (ot bukhty Levrie
do Gvineiskogo zaliva); posobie dlia promyslovikov. Kalinin-
grad, 1961. 175 p. (MIRA 15:2)

1. Konigsberg. Baltiyskiy nauchno-issledovatel'skiy institut
morskogo rybnogo khozyaystva i okeanografii. 2. Baltiyskiy
nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva
i okeanografii (for Prosvirov, Skorniyakov, Batal'yants).
(Atlantic Ocean--Fishes)

PROSVIROV, Ye.S.; IVANOV, Yu.N.

Charming Portuguese man-of-war (*Physalia pelagica*); venomous animals
in the tropical waters of the Atlantic. Priroda 51 no.1:112-114
Ja '62. (MIRA 15:1)

1. Baltiyskiy nauchno-issledovatel'skiy institut rybnogo khozyaystva
i okeanografii, Kaliningrad.
(Atlantic Ocean--Siphonophora)

PROSVIROV, Yevgeniy Sergeyevich; KUDIKINA, Ye., red.; GUTMAN, A.,
tekhn. red.

[Poisonous and dangerous fishes] IAdovitye i opasnye ryby.
Kaliningrad, Kaliningradskoe knizhnoe izd-vo, 1963. 79 p.
(MIRA 17:1)

1. Atlanticheskiy nauchno-issledovatel'skiy institut ryb-
nogo khozyaystva i okeanografii (for Prosvirov).

KOZ'MINA, O.P. y Primali uchastive: KURLYANKINA, V.I.; ALEKSANDROVICH, M.K.;
PROSVIRYAKOVA, E.F.; SLAVETSKAYA, E.A.; KOZLOV, M.P.

Mechanism of oxidation of cellulose ethers by oxygen. Izv. AN
SSSR Otd.khim.nauk no.12:2226-2233 D '61. (MIRA 14:11)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Cellulose ethers) (Oxidation)

MOKRINSKIY, Vladimir Vladimirovich; VAL'TS, Irma Ernestovna;
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